

REFERENCE CENTER LIBRARY

25X1

DATE: 25X1

INFO.

DIST. 9 January 1948

PAGES 25X1

SUPPLEMENT

ATTACHMENTS: 3

ORIGIN

25X1

25X1

以下、筆者の自著『日本書紀』を

☒	☒	☒				☒				
STATE	WAR	NAVY	JUSTICE	R & E	C & D	HAF				

1. In August 1947, the Statistics Office of Land Thuringia submitted to SMA the following report on industrial production:
 - a. Attachment I: Industrial production of all types, covering chemical industry, mining, liquid fuels, and power. These show German code numbers, production since January 1947, actual production for the month of July (since the beginning of the third quarter, that is), the production in June 1947 and July 1946. In some instances, the value of production completely processed in the plant is indicated and also the percentage of the third quarter quota which was actually produced in July.
 - b. Attachment II: The use and availability during July 1947 of various raw materials and industrial products, including amounts on hand at the end of June, amounts added during July, amounts consumed during July, and the quantities sold or otherwise disposed of.
2. In addition, the Statistical Bureau prepared notes to supplement some of its figures. These, given in Attachment III, include data on the chemical industry, the electrical industry, precision mechanics and optics, and machine tools. They were intended to help explain the condition of various branches of industry in July 1947.

This document is hereby regraded to
~~CONFIDENTIAL~~ in accordance with the
letter of 16 October 1978 from the
Director of Central Intelligence to the
Archivist of the United States.

Next Review Date: 2033

Document No. 005
 NO CHANGE in Class. ☐
☒ Class. TS S C
 Auth: APR 27 1977 25X
 Date: APR 25 1977 By:

CLASSIFICATION ~~CONFIDENTIAL~~

CONFIDENTIAL

~~CONFIDENTIAL~~

CENTRAL INTELLIGENCE GROUP
ATTACHMENT I

25X1

Combined Report of Industrial Production of Goods

Production	Unit of Measure	Production since 1-1-47 Quantity 1000 RM	Quarter Quota Quantity 1000 RM	Production in July Quantity 1000 RM	Production in June Quantity 1000 RM	Production in July 1946 Quantity 1000 RM	Production in July 1946 Quantity 1000 RM	Manuf in own plant 1000 RM	July % of Quarter Produce
<u>Industrial Group Chemistry</u>									
Sulphuric acid	t	12,075	736	10,000	800	2,069	139	1,894	122
Soda ash	t	11,900	1,359	10,000	800	1,923	219	2,026	233
Lacquers and dyes	t	2,613	4,377	800	2,000	455	741	528	692
Inorganic pigments and dyestuffs	t	2,906	1,145	1,350	540	678	422	527	232
Red lead (included in above)	t	-	-	(60)	-	No output	-	-	-
Synthetics (Kunststoffe)	t	234	480	450	900	52	47	19	27
Products from synthetics	1000 RM	-	4,549	-	1,200	-	754	-	727
Sulphite of soda	t	221	40	400	100	No output	40	6	63
Fuse cords	1000 RM	-	-	6,000	300	No output	-	-	-
Watermination material	t	86	281	735	1,260	12	36	28	50
Industrial gases	1000 RM	-	514	-	200	-	51	-	120
Carbon disulphide	t	2,434	602	1,400	350	476	136	407	101
Synthetic tanning material	t	195	145	50	38	45	37	31	26
Formaldehyde	t	539	171	900	405	105	37	59	19
Textile and leather auxiliary material	1000 RM	-	1,168	-	300	-	39	-	-
Hyposulphite of soda	t	336	76	250	44	No output	-	-	-
Reactive laboratory reagents	t	130	282	11	57	83	26	4	13
Ammonium salt	t	60	8	375	61	No output	-	-	-
Cinema film	1000 RM	-	-	20	255	No output	-	-	-
		15,933		9,633		2,710		2,366	
<u>Unplanned Production**</u>									
Inorganic products	-	6,560	3,891	-	-	560	350	450	282
Organic products	-	1,904	1,578	-	-	421	332	138	123
Glycerine putty	-	129	63	-	-	6	3	29	14
Chemical-industrial products	-	2,424	2,871	-	-	291	399	430	609
Printing and stamp ink	-	812	1,628	-	-	2	5	3	24
Gelatine	-	12	75	-	-	2	13	2	14
Other chemical-industrial products	-	6,396	2,370	-	-	1,160	531	1,140	510
Production total		28,409		9,633		4,343		3,927	
Contracting work		205				54		56	
Total		28,614		9,633		4,397		3,983	

25X1

CENTRAL INTELLIGENCE GROUP
ATTACHMENT I - page 2

25X1

Production	Unit of Measure	Production Since 1-1-47 Quantity 1000 RM	Quarter Quota Quantity 1000 RM	Production in July Quantity 1000 RM	Production in June Quantity 1000 RM	Production in July 1946 Quantity 1000 RM	Manufact in own plant Quantity 1000 RM	July Quarter Production
<u>Chemistry, Synthetic Fibers</u>								
Cellulose (Zellwolle)	t	6,128 13,900	1,800 4,153	957 2,153	1,040 2,242	1,010 2,272	-	53
Perloncord	t	60 2,999	20 1,200	9 408	8 422	1 37	-	45
Artificial leather for lower parts of shoes	t	5 20	50 85	5 12	-	-	-	10
Total		16,525	5,438	2,573	2,664	2,309	-	
<u>Industrial Group Mining, Coal</u>								
Crude lignite	1000 t	2,706,420 8,560	1,300 4,121	447,517 1,419	381,366 1,208	453,071 1,436	1,419	34
Lignite briquettes	1000 t	1,149,197 15,629	580 7,888	200,429 2,726	182,695 2,485	217,426 2,957	-	35
Total production		24,189	12,009	4,145	3,693	4,393	-	
<u>Industrial Group Liquid Fuel</u>								
Coke of the gasworks	t	54,918 1,813	25 825	8,845 292	8,692 286	9,813 324	-	38
Hard coal tar	t	3,519 176	1,294 65	396 22	399 20	583 29	-	24
Crude benzol	t	196 67	112 25	23 10	22 6	14 5	-	20
Lubricating oil	t	-	150 67	-	-	-	-	-
Total production		2,056	982	324	312	358	-	
<u>Industrial Group Fuel-Power</u>								
Gas from gas plants	1000 cbm	42,873 6,002	20,750 2,905	5,553 777	5,361 750	6,938 971	-	27
Electric power	1000 kWh	518,490 15,571	211,000 6,330	88,045 2,641	80,142 22,414	68,698 2,061	-	42
		21,573	9,235	3,418	3,164	3,032	-	

* Quantity 447,517,000 tons

** This designation indicates products for which SMA did not set up quotas and over which the Land has some control.

~~CONFIDENTIAL~~
CENTRAL INTELLIGENCE GROUP
ATTACHMENT II

25X1

25X1

Use and Availability of Raw Materials During July

Raw Material	Unit	Status of at end of June	Received in July Total	Used in July From outside	Used in July own pro auction	Used in July Total	Status at end of July
Iron ore	ton	32,302	10,426	3	13,970	-	23,758
Potash products	ton	293	-	-	5	-	293
Table salt	ton	550	138	-	295	-	393
Fluorspar	ton	294	52	-	21	35	290
Barium sulphate	ton	650	546	35	473	-	723
Scandite	ton	470	-	-	10	-	360
Raw graphite	ton	14	-	-	1	-	13
Thomas raw iron	ton	21,331	120	-	2,270	-	19,131
Foundry raw iron	ton	2,077	1,013	561	750	53	2,287
Steel and	ton	77	288	-	71	-	294
Special iron							
Thomas steel in ingots	ton	2	-	-	-	-	2
SI steel ingots	ton	79	2	-	6	-	75
Electro-steel in ingots	ton	1	-	-	-	-	1
Half-drawn, alloyed, unall	ton	46	60	-	8	-	98
Profile steel, alloyed, unall	ton	2,815	273	19	239	31	2,818
Roller wire, alloyed, unalloy	ton	9,529	1,122	183	526	229	9,396
Wide flat bar steel, al, unall	ton	53	29	2	73	-	9
Band steel, alloyed, unall	ton	342	110	47	38	29	835
Roller wire, alloyed, unall	ton	535	39	10	62	2	510
Thick sheet iron alloyed, unall	ton	910	154	78	170	30	364
Sheet metal, alloyed, unalloy	ton	584	93	32	100	9	563
Thin plate, alloyed, unalloy	ton	2,215	396	142	336	66	2,209
Galvanized and leaded sheets	ton	61	45	3	63	1	42
Steel pipe and form pieces	ton	636	147	91	42	17	774
Roller and formed pieces	ton	480	113	20	15	76	502
Nails	ton	69	49	1	33	-	85
Sleepers	ton	0.7	-	-	-	-	0.7
Steel casting, alloyed, unall	ton	321	114	42	33	4	398
Cast iron, alloyed, unalloy	ton	130	3	1	5	3	125
Big iron cast alloyed, unall	ton	2,238	965	35	645	160	2,398
Iron scrap	ton	6,836	8,271	86	7,431	67	7,659
Pure aluminum	ton	30	8	5	9	1	21
Aluminum alloy	ton	355	111	18	55	2	403
Magnesium alloy	ton	8	-	-	1	-	7
Copper and copper alloy	ton	407	688	23	158	8	929
Lead, and lead alloy	ton	204	36	30	23	10	207
Zinc and zinc alloy	ton	161	59	41	29	4	187
Tin and tin alloy	ton	90	4	-	24	-	70
Nickel	ton	2	1	-	-	-	3
Tungsten	ton	0.1	-	-	-	-	0.1
Molybdenum	ton	0.4	-	-	-	-	0.4
Mercury	ton	0.7	2.4	-	0.1	-	3
	ton	1.6	-	-	-	-	1.6

CONFIDENTIAL

CONFIDENTIAL

25X1

T. CL. AT II - Page 2

25X1

Raw Material	Unit of Meas	Status at end of June	Received in July Total	Used in From Outside	Used in own pro duction	Used in July Total Outside	Status at end of July
Other iron alloys	ton	0.2	-	-	-	-	0.2
Hard metal	ton	2	3	-	1	-	4
Metal casting moulds	ton	58	114	-	70	2	100
Sheets, bands, strips	ton	1,683	507	19	592	5	1,593
Disks, other punched pieces	ton	3	16	-	8	-	11
Bars and pro- files	ton	452	95	7	85	24	438
Pipes	ton	42	35	-	14	-	63
Wire and cable	ton	794	23	14	180	-	637
Fine wire and cable	ton	196	70	14	46	-	220
mould and forge pieces	ton	6	1	-	3	-	4
Various metal half-wrought	ton	10	-	-	3	4	3
Old metal and waste	ton	819	535	-	121	3	1,230
Steel wire	kg	243,553	74,812	7,714	116,313	15,852	135,795
Wire nails and screws	kg	23,613	650,462	53,335	294,000	-	385,075
Wire cable screws, nuts	kg	20,669	2,710	-	-	351	23,028
	kg	277,637	102,970	34,716	23,759	-	356,852
Commercial chains	kg	196,384	743	84	3,145	1,011	192,971
Electro-insulat- ing material	kg	11,256	1,163	110	845	3,459	3,315
Strong current cable	1000m	236	3,004	-	6	791	2,443
	1000m	94	154	-	83	64	101
Weak curr cable	1000m	3	3	-	-	-	6
Insulated lines	kg	358	400	250	-	175	583
	1000m	241	299	27	163	19	358
Cord, strand wire	1000m	1,122	12	-	57	384	693
Carbon brushes	kg	2,232	32	10	28	1,854	302
Non-metal weld- ing electrodes	kg	44,081	4,067	800	4,577	5,227	33,344
Carbon electrod of all sorts	kg	676	-	-	-	-	654
Line	ton	819	3,417	48	3,123	224	889
Cement	ton	305	719	93	830	143	551
Crude and build ing plaster anhydrite	ton	910	366	15	618	7	651
Chalk	ton	129	57	31	58	-	128
Building bricks	1000 pc	76	590	-	277	342	44
Roofing tiles	1000 pc	4	17	-	-	-	21
Refractory products	ton	4,494	92	13	153	3,334	991
Fire clay pipes	ton	2	-	-	-	-	2
Acid-proof products	ton	-	-	-	-	-	-
Stoneware pipes	ton	0.3	2.7	-	1	-	2
Roof m. wall slates	ton	6,393	-	-	6,270	53	570
Crude kaolin	ton	170	783	20	594	-	361
Washed kaolin	ton	1,063	62	436	450	-	1,575
Roofing paper	1000sqm	2,267	30	-	240	10	2,067
Window glass	sq m	2,000	34,000	-	2,000	22,000	14,000

CONFIDENTIAL

CENTRAL INTELLIGENCE
TR. CHEM II - page 3

25X1

25X1

Raw Material	Unit of Measure	Status at end of June	Received in July Total	Used in July From Outside	Used in July own production	Used in July Total	Status at end of July
Industrial concave glass	kg	454,000	363,000	68,000	117,000	55,000	25,000 645,000
Sawn timber	cb m	44,535	172,109	58	134,777	6,368	1,566 118,855
Flax	cb m	194	831	-	70	-	- 955
Veneer, plywood slabs	cb m	136	354	-	30	28	- 432
Sulphur	ton	51	521	511	413	-	- 157
Sulphurous acid	ton	180	33	-	210	-	- 3
Sulphuric acid	ton	494	52	-	438	2	- 106
Sulphide of soda	ton	270	7	-	102	3	- 172
Carbon disulphide	ton	9	-	-	8	-	- 1
Hydrochloric acid	ton	80	34	2	52	-	- 62
Soda ash	ton	993	1,497	-	995	6	- 1,439
Sodium bic.	ton	64	16	-	19	-	- 61
Ammonia	ton	210	144	92	162	-	- 192
Nitric acid	ton	76	47	41	81	-	- 42
Phosphoric acid	ton	10	44	44	29	4	2 19
Sodium	kg Na	289	5	-	272	-	- 22
Caustic soda		286	97	-	128	-	- 255
Oxygen	cb m	3,708	22,460	612	23,260	122	- 7,736
Hydrogen	cb m	5,216	2,804	306	4,521	-	- 3,499
Calcium carbide	ton	490	846	-	836	-	- 500
Acetylene	ton	6	7	-	11	-	- 2
Active carbon	ton	36	8	-	1	-	- 43
Graphite	ton	14	2	-	1	2	- 13
Phosphorus	ton	-	-	-	-	-	- -
Manure							
Nitrogenous manure	ton	40	13	-	3	-	- 50
Inorganic dye-stuffs	ton	412	142	68	152	5	- 402
Methanol	ton	221	438	109	98	-	- 561
Ethyl ether	ton	30	-	-	30	-	- -
Acetone	ton	2	203	202	200	-	- 5
Acetic ether	ton	34	11	11	16	-	- 29
Trichlorether	ton	39	3	1	11	-	- 31
Carbon tetrachloride	ton	4	-	-	1	-	- 3
Other solutions 13314, 13318, 13324	ton	51	234	54	83	3	- 199
Formic acid	ton	-	-	-	-	-	- -
Saccharine	ton	-	2	-	-	-	- 2
Industrial oil and fat	ton	191	4	-	178	1	- 16
Vegetable oil and fat	ton	351	6	2	349	-	- 38
Natural and synthetic fat	ton	67	28	17	17	1	- 77
Glycerine	ton	7	7	1	2	-	- 12
Lac and paint materials 13657	ton	165	276	86	95	104	- 242
Printing ink	ton	37	14	5	4	-	- 47
Vegetable tanning material	ton	550	309	40	131	-	- 728
Organic synthetic tanning lat	ton	1,527	39	15	1,506	-	- 60
Inorganic synthetic tanning material	ton	39	11	10	28	-	- 22
Lamp black	ton	19	11	-	8	-	- 22
Synthetic fatty acid	ton	8	10	3	2	1	- 15
Paral	ton						

~~CONFIDENTIAL~~

CONFIDENTIAL 5

CENTRAL

~~CONFIDENTIAL~~
ATTACHMENT II - page 4~~CONFIDENTIAL~~

25X1

25X1

Raw Material	Unit of Measure	Status at end of June	Received in July Total	Used in July From Outside	Used in July own production	Used in July Outside Land	Status at end of July
Natural rubber	ton	0.2	2.7	2.4	0.8	-	2.1
Synthetic rubber	ton	243	74	0.3	117	-	200
Thioplast	ton	0.1	-	-	-	0.1	-
Reclaimed from natural and synth rubber	ton	34	8	-	5	-	37
Other vulcanizable synth rubber	ton	291	398	27	294	100	295
Crude nitrates	ton	226	26	2	203	-	49
Sulphite cellulose for paper bleached & unbleached	ton	504	935	6	996	12	431
Straw cellulose for paper	ton	-	150	150	43	-	107
Cellulose for textiles	ton	-	400	-	355	-	45
Sulphite cellulose for paper and straw stuff	ton	141	-	-	83	-	58
Spinning paper	ton	426	661	-	574	-	513
Newsprint paper	ton	267	5,283	5,283	2,064	-	3,486
Wood writing and printing paper	ton	77	122	6	71	26	122
Cable, insulating paper	ton	990	1,122	12	976	65	1,071
Emery raw and grinding band raw paper	ton	1	6	-	-	-	7
Packing paper	ton	3	1	-	2	-	2
Carton and machine cardboard excelsior roofing corrugated paper	ton	1,758	396	34	1,351	26	777
Cardboard for corrugated paper, raw roofing paper	ton	1,136	829	25	75	-	1,390
Hand leather board	ton	349	127	28	318	4	154
Old paper, paper scrap	ton	226	109	-	31	27	277
Cotton waste, lint	ton	1,460	1,058	281	1,373	103	742
Flax fiber and oakum	ton	23	-	-	3	2	18
Hemp fiber and oakum	ton	102	91	32	135	-	58
Waste bast (Flockenbast)	ton	0.6	0.5	-	0.4	-	0.7
Wool, washed, coarse & fine	ton	9	-	-	-	-	9
Cellulose, type B-1 (Zellwolle)	ton	210	20	-	76	47	107
Ac-cel fibers and silk	ton	850	446	-	269	72	955
Carbon fibers and silk	ton	2	-	-	1.9	-	0.1
Artificial silk	ton	0.7	-	-	-	0.1	0.6
Combed material	ton	4	0.7	-	1.7	-	3
Cloth waste and rags	ton	496	372	47	447	10	411
Split wool, cotton, cellulose (Wollwolle)	ton	502	106	11	202	95	311
	ton	351	52	2	51	13	339

~~CONFIDENTIAL~~~~CONFIDENTIAL~~

CONFIDENTIAL

CENTRAL INTELLIGENCE GROUP
ATTN: CLEINT II - page 5

25X1

25X1

Raw Material	Unit	Status at end of June	Received in July Total	Used in July From Outside	Used in July own production	Used in July (outside and Total	Status at end of July
Spun yarn	ton	2,557	959	161	866	75 38	2,575
Upper leather chrocar I	sq. m	25,007	15,077	-	7,434	8,741 6,000	23,909
Same, coated I	sq. m	23,260	17,396	-	5,024	15,472 5,694	20,064
Same chrocar II	sq. m	30,567	24,896	-	12,119	7,866 4,831	35,448
Same, coated II	sq. m	9,915	5,504	-	5,902	6,772 -	2,745
Sole leather	kg	57,553	198,215	-	40,330	47,386 37,495	128,007
Lining leather	sq. m	4,422	11,496	-	4,846	1,297 605	9,775
Stitched leather harness leather	kg	12,539	41,677	-	6,475	8,278 -	39,463
Belt leather	kg	787	9,309	-	4,932	10 -	5,154
Leather exchange stuff	sq. m	39,174	23,164	1,065	23,428	1,390 500	32,029
Coal	ton	11,535	16,199	13,320	6,357	712 -	19,965
Smelting coke	ton	509	403	277	411	- -	501
Gas coke	ton	3,098	7,648	3367	3,136	2,100 2	2,501
Crude lignite	ton	104,660	551,200	21,766	639,879	3,395 992	42,586
Lignite briquet	ton	76,765	143,350	7,435	156,749	972 -	62,394
Lignite carbon-izing coke	ton	10,459	21,801	16,203	-	304 -	38,067
Gasoline (Benzin)	ton	4,000	12,076	55	11,271	381 -	4,404
Petroleum	ton	10	4	-	4	- -	10
Diesel fuel	ton	23,616	7,359	161	7,543	661 -	23,066
Lubricating oil	ton	6,665	2,564	4	3,033	- -	6,196
Grease lubric	ton	0.5	1	-	0.5	- -	1
Benzol	ton	94	23	-	66	- -	51
Phenol	ton	182	65	-	2	44 -	201
Gas from gas plants	1000 cbm	142	186,244	2,203	9,004	174,941 -	2,441
Electric power	1000 kw/h	12,777	241,212	543	233,805	15,092 139	22

CONFIDENTIAL

CONFIDENTIAL

~~CONFIDENTIAL~~
~~ATTACHMENT I~~

Explanatory Notes on Production in July 1947

~~CONFIDENTIAL~~

A. Chemical Industry

1. The overall picture is the same as in June, since production conditions have not changed -- difficulties of supply and necessities for repairs, in other cases conversions of material which led to exceeding the quota.
2. Soda production, because of continuous repairs and breakdowns which could not be handled immediately, remains at about 65 percent of the quota. Improvement is dependent upon the completion of the total repair plan now in progress. The daily production was 85 tons finally.
3. Sulphuric acid production remains about 63 percent because pyrites are lacking.
4. Lac and dyes, as in June, show a 170 percent surplus because according to earlier plans more emulsion and binding dyes were produced than lac.
5. Pigment production suffered a lack of barium sulphate and during this month first could count on sufficient supplies. Nevertheless, the total production is above the quota because the shortage in lithopone was compensated for by a surplus of earth colors.
6. Formaldehyde output reached only one third of its quota because necessary material was not available.
7. Carbon disulphide production was 240 percent over the quota, since raw materials and fuel were available.
8. Hyposulphide and sulphide of soda could not be produced because the plants were unusable; production can be resumed in the middle of August.
9. Production of other chemicals, as in June, is involved with the problem of raw materials and fuel.

B. Electric Industry

1. In relation to June, production decreased about 14 percent, particularly in the following:
 - a. Motors, generators, transformers, rectifiers: Motor production was slow because the dynamo cores delivered in the previous month for the most part were working, and a new delivery imported from the west is not to be expected until August. Manufacture of generators in the Tornado-Triptis firm was also slow. Production of small transformers could be only slightly increased because there too supplies (dynamo cores) had to be used first for engine construction.
 - b. Cables and lines: Total production was almost unchanged, although there was a shift in individual types of production because of lack of textiles. There was a decrease in production of cord and strand-wire so that the production of insulated lines could be raised. The scarcity of raw materials imported from the west is always evident in cable manufacture.
 - c. Telephone apparatus: Because of the shortage of important parts (dial switches), there was a halt in delivering telephone instruments.
2. Monthly and quarterly quotas were not fulfilled in the following:
 - a. Power transformers: Because of the small allotment of dynamo cores, no material could be routed into transformer manufacture, and production is therefore delayed.
 - b. Accumulators: Because of shortage of materials and breakdowns in the production sections of the manufacturing firms, the quota could not be reached.
 - c. Dry batteries: Production could be increased because of the lack of wheat flour.

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

CENTRA

CONFIDENTIAL
ATTACHMENT III - page 2

25X11

3. Altogether, the plan for the third quarter was 147 percent fulfilled. 216 factories reported for July, showing in 96 factories 211,120 work hours, because of vacations and partly because of lack of power and gas. Price differences because of debasement of quality were not determined.

9. Precision Mechanics and Optics

1. This branch of industry in July 47 included 33 factories with a total of 8774 employees, including 6494 laborers. This report does not include manufacturers of typewriters and office machines or the two Russian AGs, Gebr. Thiel, Ruhla (2500) and Keilparth und Co., Suhl (350). A somewhat more stable tendency in production effort appears in the various special sections in the month of July. The following account gives a view of the percentage fulfillment for the month:
2. Photo items and other optical instruments, etc. (08341): manufacturing firm, Karl Zeiss, Jena: Production for the third quarter amounted to 790,000 RM for the Zeiss firm. The total output in July of objective glass, spectacle lenses, measuring instruments, etc. amounted to 142,400 RM; Contax manufacture was 1,816,879 RM (Russian production 1,492,000 RM). The Contax production is purely Russian and in the third quarter also constituted the main product. The output of photo lenses was raised during the third quarter and will be further increased.
3. Mechanical measuring devices (08414/14): The firm Schietrumpf und Co. fulfilled its monthly quota in production worth 80,000 RM, almost one hundred percent of the quarter. The firm Leistner-Werke, Waltershausen, by overcoming a series of special difficulties, was able to fulfil its quota for July by 90 percent, or 45,000 RM. There is no report from the C. S. Reich firm, Schweina, which normally fulfills its quota one hundred percent.
4. Laboratory instruments, etc. (08333): The firm of Karl Kurt Juchheim, Ilmenau, in spite of a 50 percent restriction because of current shortage, was able to raise its production to about 80 percent.
5. Pressure gauges (08441): The firm Paul Tümming, Erfurt, fulfilled its third quarter production quota about 90 percent in the month of July, with 30,000 RM. There is no report from the Hugo Schlegel firm in Ilmenau, which generally fulfills its quarter and monthly quota about 80 to 90 percent.
6. Movable optical equipment, filters, etc. (08347): Photographic filters or front lenses are produced by the Hugo Arnz firm in Jena exclusively. In July this firm fulfilled its monthly quota 150 percent, or 25,000 RM.
7. Mechanical precision testing instruments (08412): The Feinprüf firm in Schmalkalden worked unusually intensively in July and fulfilled its monthly quota by 230 percent, 250,000 RM for the quarter. Gebr. Frühauf, GmbH, Altendambach, delivered primarily drawing sets and mathematical measuring instruments (08351), and fulfilled its July quota about 175 percent, with 80,000 RM for the quarter.
8. Drawing machines, etc. (08351): The firm Dr. Graf GmbH, Gotha, is considered the representative and main producer of this group of tools. With a production of 40,000 RM for the quarter, it was able to increase its July quota, in spite of great difficulties in material supply, fulfilled 240 percent. It delivered 90 complete drawing machines and 90 complete drawing tables.
9. Cinema instruments and accessories, etc. (08345): The firm Iovo and Apparatus Construction, Bad Frankenhausen, make cinema reproduction lamps, cinema accessories, etc. Its production in the third quarter was 30,000 RM, 240 percent fulfillment of its July quota.
10. Small microscopes, dioptric meters (Dioptrienmesser) (08361): The Kurt Willers firm of Jena makes trichinial microscopes as well as dioptric meters. It is a small factory which under very difficult conditions carried out almost 100 percent fulfillment of its small production, for 10,000 RM in the third quarter.

~~CONFIDENTIAL~~
ATTACHMENT III - page 3

25X1

11. In general, production in the precision mechanics and optics branch is at about the same level as in June. In individual cases the production is somewhat higher. There are, however, extraordinary difficulties in procuring raw materials, which especially affect the firms manufacturing precision mechanical measuring devices. These firms are therefore authorized to draw raw and half manufactured materials up to 80 percent from the west, but the acquisition of these materials involved considerable difficulties recently and influenced production extensively.

D. Tools and Machine Tools

1. Turning lathes (Drehbänke): Neither Heuselwitz machine factory nor Gustav Eisfeld Gera reported any machines completed for the month of July.
 2. Slotting machines (Stossmaschinen): Wilhelm Bach firm, Apolda, completed two short planers. Heuselwitz machine factory reports no output.
 3. Parallel planing machines (Langhobelmaschinen): The three reported planing machines with a value of 54,000 RM are from the firm Blell KG, Zeulenroda.
 4. Various machine tools (Werkzeugmaschinen): The following reports of machines completed concern drilling machines (Bohrmaschinen):
 61 machines, 34,000 RM, from Georg Huhnholz, Gera
 20 machines, 11,000 RM, from Walter Zeh, Pörsneck
 2 machines, 1,000 RM, from Johannes Rudolph, Schmalkalden
 0 machines completed from Anton Röper, Schmölln
 One circular saw machine (Kreissägemaschine), valued at 2,800 RM, was completed by the firm of Franz Irmischer, Saalfeld.
 5. Presses: Reports were received from the following firms:
 6 presses, 35,400 RM, Blell und Co., Zeulenroda
 12 presses, 18,500 RM, Vogel und Co.
 6 Universal bending machines (Universal-Biegemaschinen), 2300 RM, Paul Auerbach, Saalfeld
 No output was reported by Sachs und Grimm, Triebes, or R. Sonntag GmbH, Gera.
 6. Shears:
 1 plate shearer (Tafelschere), 7500 RM, Sonntag GmbH, Gera
 1 plate shearing machine (Eblechschere), 800 RM, Karl Kneusel, Zeulenroda
 20 small hand plate shearers (Handblechscheren), 2100 RM, Konrad Modrach, Gera.
 7. Tools and appliances: In this category in July appear only splinter removing machine appliances (spanabhebende Werkzeugvorrichtungen) and press moulds, although in the previous quarter all tools and appliances of Thuringian industry were included. Individual production by firms was as follows:
 Screw-cutting tools (Gewindeschneidwerkzeuge), 45,000 RM, Julius Hoffman, Zella Mehliß
 Screw-cutting tools, 8,500 RM, Gebr. Röder, Suhl
 Screw-cutting tools, 30,000 RM, Max Schilling, Zella Mehliß
 Cutter (Fräser), 6,000 RM, Max Schilling, Zella Mehliß
 Reamer (Reibahlen) and sinker (Senker), 132,000 RM, Rohde und Dörrenberg, Altenburg.
- Wood-working machines and equipment: Wood-working machines produced in Thuringia, such as bandsaws, cabinet-makers' circular saws, and wood cutting machines, will henceforth be reported in this category. Special productions are:
 Erwin Hoffman, Gera, band saws, 9,000 RM
 Heinrich Enke, Pollwitz, wood cutting machine, 19,000 RM
 Bernhard Paatz, Zella Mehliß, wood cutting machine, 20,000 RM;
 also special machines for preparing wood for sale, which are already more than an appliance.
- According to Russian nomenclature, the following are included under the section for unplanned production:
- Milling machines (Fräsmaschinen): Sennuco, Greiz, reports 5 engraving milling machines (Gravierschleifmaschinen) for 14,000 RM.
- Grinding machines (Schleifmaschinen): Gebr. Weissker, Gera, reported

~~CONFIDENTIAL~~
CENTRAL INTELLIGENCE GROUP
ATTACHMENT III - page 4

~~CONFIDENTIAL~~
25X1

the completion of a grinding tool.

Franz Irmacher, Saalfeld, reports no output. The Thuringian state-owned plant Steinsch reports first 5 saw sharpening machines (Sägeschärfmaschinen) at 4000 RM and later 15 so-called disc grinding machines (Scheibenschleifmaschinen) at 21,000 RM. These machines are machine grinders with horizontal grinding discs of great size.

9. Presses and punches for hand operation: This includes small hand presses and punching machines, produced by Karl Röhling, Gera; Gustav Warncke, Arnstadt; and Grabner und Co., Triptis.
10. Tools with hard metal edges: The principal firm for this production is Gebr. Heller, Schmalkalden, with hard metal lathes and drills to the value of 96,000 RM. Rohde und Bärrenberg, Altenburg, reported hard metal drills for 4,600 RM, and the Werkzeug-Union, Schmalkalden, cutters, for 5,200 RM.
11. Punches and dies (Schnitt- und Stanzwerkzeuge), clamping tools (Spannwerkzeuge): This includes clamping tools, lathe chucks (Drehbankfutter), face plates (Planscheiben), and drill chucks (Bohrfutter), and in addition all plants producing punches and dies. Production noted is the following:
Roto-Rekord, Gera, lathe chucks and face plates, 172,000 RM
Ernst Ullmann und Co., Gera, 11,000 RM
Moritz Perthel, Gera, 17,000 RM
12. Other forged and pressed equipment: This includes bending rollers (Rückmaschinen) and edging machines (Abkantmaschinen), for hand operation and small tinmith's machines (Klempnereimaschinen), etc.
13. Roller bearings (Wälzlager): The following production is reported:
Richard Nitzsche, Ronneburg, 87 items, 8300 RM
Rheinmetall Borsig, Stadt Ilm, 6,263 items, 119,600 RM.
This large amount of production is due to the fact that the production of the previous month, on orders of the economics officer, went into remodeling the factory.
14. Spare parts for roller bearings: Thüringischer Pressholz GmbH, Fraureuth, completed 76,500 items of roller-bearing cages (Wälzlagerkäfige), for 81,000 RM.
15. Grinding material: Wilhelm Hamisch, Auma, completed grinding wheels to the value of 3,400 RM
Bertwig und Co., Katzhütte, no output.
Schleifmittel AG, Sonneberg, no report available.
Apex KG, Sonneberg, 10,000 RM) manufacture of grinding material:
Iges GmbH, Theuern, 29,000 RM) whetstones, scythe-sharpening stones, emery sticks, etc.

This document contains information affecting the national defense of the United States within the meaning of the Espionage Act, 50, U.S.C. 31 and 32 as amended. Its transmission or the revelation of its contents in any manner to an unauthorized person is prohibited by law.

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~